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T7 Promoter EcoR1 random BamH1
TAATACGACTCACTATAGGGAAATTCCGCCGTGTGC - 49nt - GTCCCGTTGGGATCCTC
|-----> <-----|

A6
A18
A19
A23
A30
A37

AGAACAAUCGCAUAGGCCGCAAGGUUAGUUUCGUUGUCCGCCGGUGCA
ACGAGUAUAGCCCACAUGGCACGACAGGGACGUUUAUGUGCACAGUUG
AGAUUCAGGACAGAGCCACAGGUUGCAUCCUGGUUAACGCCCUUGAUG
GAGGGCGAGGACGCCAGGUUAAGCCCCUAGGGUGGAUGUUUCACGGU
CAGCGAAAGUUGCUGUAUGGUACAUUCGCAAGGCACAUGUCAUCUGGGCG
UUGAGAGGUUGCCAACUCUCAAGGUUGCUUUGCUCUCGGCUCUGUG

(57) Abstract: The disclosure provided herein provides compositions of nucleic acid aptamers that bind human epidermal growth factor receptor-3 and methods for their use.